

Table ENG-4. - Building Site Development

Tidewater Cities Area, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1:							
Altavista	85	Somewhat limited	0.19	Very limited	1.00	Somewhat limited	0.19
		Depth to saturated zone		Depth to saturated zone		Depth to saturated zone	
				Cutbanks cave		Cutbanks cave	
Augusta	4	Not Rated		Not Rated		Not Rated	
Newflat	4	Not Rated		Not Rated		Not Rated	
State	4	Not Rated		Not Rated		Not Rated	
Chickahominy	3	Not Rated		Not Rated		Not Rated	
2:							
Augusta	80	Somewhat limited	0.75	Very limited	1.00	Somewhat limited	0.75
		Depth to saturated zone		Depth to saturated zone		Depth to saturated zone	
				Cutbanks cave		Cutbanks cave	
Dragston	4	Not Rated		Not Rated		Not Rated	
Munden	4	Not Rated		Not Rated		Not Rated	
Nimmo	4	Not Rated		Not Rated		Not Rated	
Seabrook	4	Not Rated		Not Rated		Not Rated	
Tomotley	4	Not Rated		Not Rated		Not Rated	
3:							
Axis	85	Very limited	1.00	Very limited	1.00	Very limited	1.00
		Ponding		Ponding		Ponding	
		Depth to saturated zone		Depth to saturated zone		Flooding	
		Flooding		Flooding		Depth to saturated zone	
Bohicket	7	Not Rated		Not Rated		Not Rated	
Johnston	5	Not Rated		Not Rated		Not Rated	
Beaches	3	Not Rated		Not Rated		Not Rated	
4:							
Beaches	80	Very limited	1.00	Not Rated		Not Rated	
		Flooding					
Axis	5	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
4:							
Bohicket	5	Not Rated		Not Rated		Not Rated	
Udorthents	5	Not Rated		Not Rated		Not Rated	
Urban Land	5	Not Rated		Not Rated		Not Rated	
5:							
Bethera	90	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Low strength	1.00	Ponding	1.00	Ponding	1.00
		Ponding	1.00	Cutbanks cave	0.10		
Slagle	10	Not Rated		Not Rated		Not Rated	
6:							
Bohicket	90	Very limited		Very limited		Not Rated	
		Ponding	1.00	Ponding	1.00		
		Depth to saturated zone	1.00	Flooding	1.00		
		Flooding	1.00	Depth to saturated zone	1.00		
Axis	5	Not Rated		Not Rated		Not Rated	
Johnston	5	Not Rated		Not Rated		Not Rated	
7:							
Bojac	90	Not limited		Very limited		Not limited	
				Cutbanks cave	1.00		
				Depth to saturated zone	0.35		
Dragston	4	Not Rated		Not Rated		Not Rated	
Munden	3	Not Rated		Not Rated		Not Rated	
Seabrook	3	Not Rated		Not Rated		Not Rated	
8:							
Chickahominy	85	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Low strength	1.00	Too clayey	0.13		
		Shrink-swell	0.50	Cutbanks cave	0.10		
Altavista	4	Not Rated		Not Rated		Not Rated	
Newflat	4	Not Rated		Not Rated		Not Rated	
Peawick	4	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Tidewater Cities Area, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
8:							
Augusta	3	Not Rated		Not Rated		Not Rated	
9A:							
Craven	85	Very limited Low strength Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Too clayey Cutbanks cave	1.00 0.28 0.10	Not limited	
Slagle	8	Not Rated		Not Rated		Not Rated	
Uchee	7	Not Rated		Not Rated		Not Rated	
9B:							
Craven	85	Very limited Low strength Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Too clayey Cutbanks cave	1.00 0.28 0.10	Not limited	
Slagle	8	Not Rated		Not Rated		Not Rated	
Uchee	7	Not Rated		Not Rated		Not Rated	
10:							
Dragston	85	Somewhat limited Depth to saturated zone	0.48	Very limited Cutbanks cave Depth to saturated zone	1.00 1.00	Somewhat limited Depth to saturated zone	0.48
Augusta	4	Not Rated		Not Rated		Not Rated	
Nimmo	4	Not Rated		Not Rated		Not Rated	
Seabrook	4	Not Rated		Not Rated		Not Rated	
Tomotley	3	Not Rated		Not Rated		Not Rated	
11:							
Duckston	85	Very limited Depth to saturated zone Flooding	1.00 1.00	Very limited Depth to saturated zone Cutbanks cave Flooding	1.00 1.00 0.80	Very limited Flooding Depth to saturated zone Droughty	1.00 1.00 1.00
Nimmo	8	Not Rated		Not Rated		Not Rated	
Bohicket	7	Not Rated		Not Rated		Not Rated	

12:

Table ENG-4. - Building Site Development - Continued

Tidewater Cities Area, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
12:							
Johnston	80	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Flooding	1.00
		Flooding	1.00	Ponding	1.00	Depth to saturated zone	1.00
		Ponding	1.00	Flooding	0.80	Ponding	1.00
Axis	5	Not Rated		Not Rated		Not Rated	
Bohicket	5	Not Rated		Not Rated		Not Rated	
Nimmo	5	Not Rated		Not Rated		Not Rated	
Tomotley	5	Not Rated		Not Rated		Not Rated	
13:							
Lawnes	80	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Flooding	1.00
		Flooding	1.00	Flooding	0.80	Depth to saturated zone	1.00
Munden	4	Not Rated		Not Rated		Not Rated	
Seabrook	4	Not Rated		Not Rated		Not Rated	
Augusta	3	Not Rated		Not Rated		Not Rated	
Bojac	3	Not Rated		Not Rated		Not Rated	
Dragston	3	Not Rated		Not Rated		Not Rated	
Nimmo	3	Not Rated		Not Rated		Not Rated	
14:							
Levy	80	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Flooding	1.00	Flooding	1.00
		Flooding	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
Munden	4	Not Rated		Not Rated		Not Rated	
Seabrook	4	Not Rated		Not Rated		Not Rated	
Augusta	3	Not Rated		Not Rated		Not Rated	
Bojac	3	Not Rated		Not Rated		Not Rated	
Dragston	3	Not Rated		Not Rated		Not Rated	
Nimmo	3	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Tidewater Cities Area, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
15:							
Munden	90	Somewhat limited Depth to saturated zone	0.19	Very limited Depth to saturated zone Cutbanks cave	1.00 0.10	Somewhat limited Depth to saturated zone	0.19
Bojac	5	Not Rated		Not Rated		Not Rated	
Dragston	5	Not Rated		Not Rated		Not Rated	
16C:							
Nevarc	45	Somewhat limited Shrink-swell Slope Depth to saturated zone	0.50 0.37 0.03	Very limited Cutbanks cave Depth to saturated zone Slope	1.00 1.00 0.37	Somewhat limited Slope Depth to saturated zone	0.37 0.03
Uchee	45	Somewhat limited Slope	0.37	Very limited Cutbanks cave Depth to saturated zone Slope	1.00 0.47 0.37	Somewhat limited Slope Droughty	0.37 <0.01
Slagle	10	Not Rated		Not Rated		Not Rated	
16D:							
Nevarc	45	Very limited Slope Shrink-swell Depth to saturated zone	1.00 0.50 0.03	Very limited Slope Cutbanks cave Depth to saturated zone	1.00 1.00 1.00	Very limited Slope Depth to saturated zone	1.00 0.03
Uchee	45	Very limited Slope	1.00	Very limited Slope Cutbanks cave Depth to saturated zone	1.00 1.00 0.47	Very limited Slope Droughty	1.00 <0.01
Slagle	10	Not Rated		Not Rated		Not Rated	
17:							
Newflat	85	Very limited Shrink-swell Low strength Depth to saturated zone	1.00 1.00 1.00	Very limited Depth to saturated zone Too clayey Cutbanks cave	1.00 0.28 0.10	Very limited Depth to saturated zone	1.00
Altavista	5	Not Rated		Not Rated		Not Rated	
Chickahominy	5	Not Rated		Not Rated		Not Rated	
Peawick	5	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Tidewater Cities Area, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
18:							
Nimmo	85	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone Cutbanks cave	1.00 1.00	Very limited Depth to saturated zone	1.00
Munden	5	Not Rated		Not Rated		Not Rated	
Seabrook	5	Not Rated		Not Rated		Not Rated	
Tomotley	5	Not Rated		Not Rated		Not Rated	
19:							
Peawick	85	Very limited Low strength Shrink-swell Depth to saturated zone	1.00 1.00 0.03	Very limited Depth to saturated zone Too clayey Cutbanks cave	1.00 0.28 0.10	Somewhat limited Depth to saturated zone	0.03
Newflat	8	Not Rated		Not Rated		Not Rated	
Chickahominy	7	Not Rated		Not Rated		Not Rated	
20:							
Seabrook	85	Not limited		Very limited Cutbanks cave Depth to saturated zone	1.00 0.99	Somewhat limited Droughty	0.83
Munden	8	Not Rated		Not Rated		Not Rated	
Tomotley	7	Not Rated		Not Rated		Not Rated	
21A:							
Slagle	85	Very limited Low strength Depth to saturated zone	1.00 0.03	Very limited Depth to saturated zone Cutbanks cave	1.00 0.10	Somewhat limited Depth to saturated zone	0.03
Bethera	5	Not Rated		Not Rated		Not Rated	
Peawick	5	Not Rated		Not Rated		Not Rated	
Uchee	5	Not Rated		Not Rated		Not Rated	
21B:							
Slagle	85	Very limited Low strength Depth to saturated zone	1.00 0.03	Very limited Depth to saturated zone Cutbanks cave	1.00 0.10	Somewhat limited Depth to saturated zone	0.03
Bethera	5	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Tidewater Cities Area, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
21B:							
Peawick	5	Not Rated		Not Rated		Not Rated	
Uchee	5	Not Rated		Not Rated		Not Rated	
22:							
State	85	Not limited		Somewhat limited Depth to saturated zone	0.35	Not limited	
				Cutbanks cave	0.10		
Augusta	8	Not Rated		Not Rated		Not Rated	
Altavista	7	Not Rated		Not Rated		Not Rated	
23:							
Suffolk	85	Not limited		Somewhat limited Cutbanks cave	0.10	Not limited	
Altavista	8	Not Rated		Not Rated		Not Rated	
Augusta	7	Not Rated		Not Rated		Not Rated	
24:							
Tomotley	85	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
				Cutbanks cave	0.10		
Augusta	3	Not Rated		Not Rated		Not Rated	
Dragston	3	Not Rated		Not Rated		Not Rated	
Nimmo	3	Not Rated		Not Rated		Not Rated	
Bojac	2	Not Rated		Not Rated		Not Rated	
Munden	2	Not Rated		Not Rated		Not Rated	
Seabrook	2	Not Rated		Not Rated		Not Rated	
25:							
Uchee	90	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	<0.01
				Depth to saturated zone	0.47		
Slagle	10	Not Rated		Not Rated		Not Rated	
26:							
Udorthents	50	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Tidewater Cities Area, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
26:							
Dumps	25	Not Rated		Not Rated		Not Rated	
Uchee	9	Not Rated		Not Rated		Not Rated	
Bethera	8	Not Rated		Not Rated		Not Rated	
Slagle	8	Not Rated		Not Rated		Not Rated	
27:							
Urban land	85	Not Rated		Not Rated		Not Rated	
Altavista	1	Not Rated		Not Rated		Not Rated	
Augusta	1	Not Rated		Not Rated		Not Rated	
Bojac	1	Not Rated		Not Rated		Not Rated	
Craven	1	Not Rated		Not Rated		Not Rated	
Dragston	1	Not Rated		Not Rated		Not Rated	
Munden	1	Not Rated		Not Rated		Not Rated	
Nevarc	1	Not Rated		Not Rated		Not Rated	
Newflat	1	Not Rated		Not Rated		Not Rated	
Nimmo	1	Not Rated		Not Rated		Not Rated	
Peawick	1	Not Rated		Not Rated		Not Rated	
Seabrook	1	Not Rated		Not Rated		Not Rated	
Slagle	1	Not Rated		Not Rated		Not Rated	
State	1	Not Rated		Not Rated		Not Rated	
Tomotley	1	Not Rated		Not Rated		Not Rated	
Uchee	1	Not Rated		Not Rated		Not Rated	
28:							
Yemassee	85	Somewhat limited Depth to saturated zone	0.94	Very limited Depth to saturated zone Cutbanks cave	1.00 0.10	Somewhat limited Depth to saturated zone	0.94
Augusta	3	Not Rated		Not Rated		Not Rated	
Dragston	3	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Tidewater Cities Area, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
28:							
Nimmo	3	Not Rated		Not Rated		Not Rated	
Bojac	2	Not Rated		Not Rated		Not Rated	
Munden	2	Not Rated		Not Rated		Not Rated	
Seabrook	2	Not Rated		Not Rated		Not Rated	
DAM:							
Dam	100	Not Rated		Not Rated		Not Rated	
W:							
Water	100	Not Rated		Not Rated		Not Rated	